### (19) World Intellectual Property Organization

International Bureau



## - 1 (2 ELL) 2 (1) (1 CL) (1 ELL) (1 CL) (1 CL)

## (43) International Publication Date 7 April 2005 (07.04.2005)

#### **PCT**

# (10) International Publication Number WO 2005/03221 A2

(51) International Patent Classification7:

H05K

(21) International Application Number:

PCT/EP2004/052116

(22) International Filing Date:

9 September 2004 (09.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

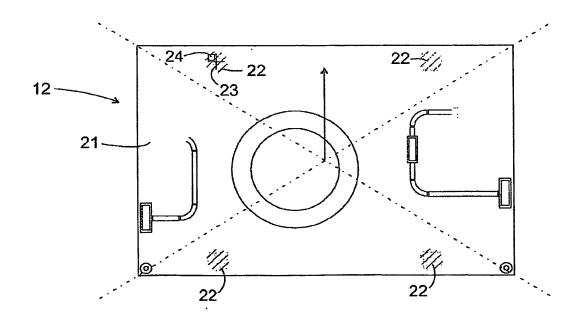
103 44 409.2 25 September 2003 (25.09.2003) D

- (71) Applicant (for all designated States except US): MAR-CONI COMMUNICATIONS GMBH [DE/DE]; Gerberstrasse 33, 71520 Backnang (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KONRATH, Willibald [DE/DE]; Eichendorffweg 17, 71544 Weissach im Tal (DE). SCHMELCHER, Haiko [DE/DE]; Lindenstr. 36, 74427 Fichtenberg (DE).

- (74) Agents: COCKAYNE, Gillian et al.; Marconi Intellectual Property, Crompton Close, Basildon Essex SS14 3BA (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD FOR MANUFACTURING A HIGH-FREQUENCY ASSEMBLY



(57) Abstract: In the manufacture of a high-frequency assembly, a plurality of components, at least one (12) of which is frequency-specific, are placed with respect to each other using a placing apparatus and are interconnected. In a specimen of the frequency-specific component (12, 30) a feature (23, 24) which encodes the frequency is looked for. The specimen is built in if the feature (23, 24; 26) is found in the specimen and is judged to be correct; otherwise the specimen is rejected.

2005/032221 A2 ||||

### WO 2005/032221 A2



#### Published:

 without international search report and to be republished upon receipt of that report For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.